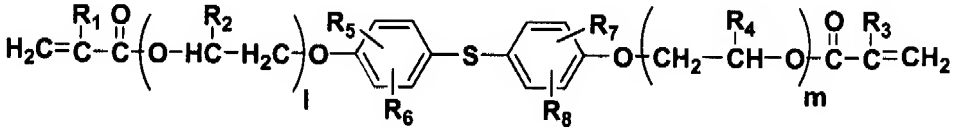
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

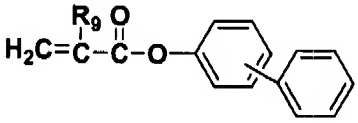
Claims 1-4 (canceled).

5. (previously presented): An optical material cured by exposing an active energy beam-curable composition for optical material to an active energy beam, the composition comprising (A) a di(meth)acrylate represented by the following formula (1) and (B) a mono(meth)acrylate represented by the following formula (2) and/or a mono(meth)acrylate represented by the following formula (3), wherein the composition contains 10 to 90 wt % of the component (A) and 90 to 10 wt % the component (B) on the basis of the total weight of the components (A) and (B):



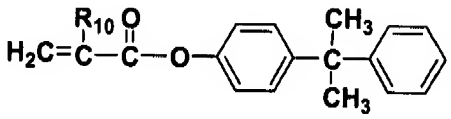
(1)

wherein R_1 and R_3 independently represents a hydrogen atom or a methyl group, R_2 and R_4 independently represents a hydrogen atom, a methyl group or an ethyl group, R_5 to R_8 independently represents a hydrogen atom, a methyl group or a bromine atom, and l and m independently represents an integer of 1 to 6;



(2)

wherein R_9 represents a hydrogen atom or a methyl group; and



(3)

wherein R_{10} represents a hydrogen atom or a methyl group.

6. (previously presented): The optical material according to Claim 5, wherein each of R_1 and R_3 is a hydrogen atom in the formula (1).

7. (previously presented): The optical material according to Claim 5, wherein each of R_2 and R_4 is a hydrogen atom in the formula (1).

8. (previously presented): The optical material according to Claim 5, wherein all of R_5 to R_8 are hydrogen atoms; R_5 is a hydrogen atom and R_6 is a methyl group, and R_7 is a hydrogen atom and R_8 is a methyl group; or R_5 is a hydrogen atom and R_6 is a bromine atom, and R_7 is a hydrogen atom and R_8 is a bromine atom.

9. (previously presented): The optical material according to Claim 5, wherein each of l and m is an integer of 1 to 3.

10. (previously presented): The optical material according to Claim 5, wherein the component (A) is bis(4-acryloxyethoxyphenyl) sulfide, bis(4-acryloxydiethoxyphenyl) sulfide, bis(4-acryloxyethoxy-3-methylphenyl) sulfide or bis(4-acryloxydiethoxy-3-methylphenyl) sulfide.

11. (previously presented): The optical material according to Claim 5, wherein the mono(meth)acrylate represented by the formula (2) is o-phenylphenyl (meth)acrylate.

12. (previously presented): The optical material according to Claim 5, wherein the composition further comprises (C) a photoinitiator.

13. (previously presented): The optical material according to Claim 5, wherein the composition contains 30 to 90 wt % of the component (A) and 70 to 10 wt % of the component (B).

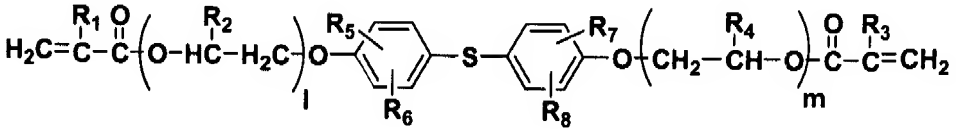
14. (previously presented): The optical material according to Claim 5 having a refractive index (25°C) of 1.59 or more.

15. (previously presented): The optical material according to Claim 5, wherein the optical material is a lens sheet or a plastic lens.

16. (previously presented): A method for producing an optical material comprising:

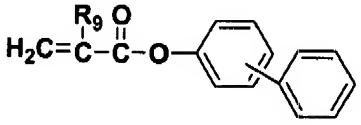
a step of applying or pouring an active energy beam-curable composition for optical material to a casting mold having a predetermined shape, wherein the composition comprises (A) a di(meth)acrylate represented by the following formula (1) and (B) a mono(meth)acrylate represented by the following formula (2) and/or a mono(meth)acrylate represented by the following formula (3) in 10 to 90 wt % of the component (A) and 90 to 10 wt % of the component (B) on the basis of the total weight of the components (A) and (B), and

a step of irradiating an active energy beam after the applying or pouring;



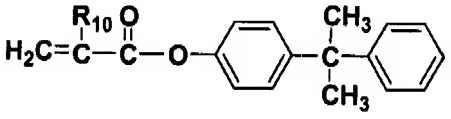
(1)

wherein R_1 and R_3 independently represents a hydrogen atom or a methyl group, R_2 and R_4 independently represents a hydrogen atom, a methyl group or an ethyl group, R_5 to R_8 independently represents a hydrogen atom, a methyl group or a bromine atom, and l and m independently represents an integer of 1 to 6;



(2)

wherein R_9 represents a hydrogen atom or a methyl group; and



(3)

wherein R_{10} represents a hydrogen atom or a methyl group.

17. (previously presented): The method for producing an optical material according to Claim 16, wherein each of R_1 and R_3 is a hydrogen atom in the formula (1).

18. (previously presented): The method for producing an optical material according to Claim 16, wherein each of R_2 and R_4 is a hydrogen atom in the formula (1).

19. (previously presented): The method for producing an optical material according to Claim 16, wherein all of R_5 to R_8 are hydrogen atoms; R_5 is a hydrogen atom and R_6 is a methyl group, and R_7 is a hydrogen atom and R_8 is a methyl group; or R_5 is a hydrogen atom and R_6 is a bromine atom, and R_7 is a hydrogen atom and R_8 is a bromine atom, in the formula (1).

20. (previously presented): The method for producing an optical material according to Claim 16, wherein each of l and m is an integer of 1 to 3 in the formula (1).

21. (previously presented): The method for producing an optical material according to Claim 16, wherein the component (A) is bis(4-acryloxyethoxyphenyl) sulfide, bis(4-acryloxydiethoxyphenyl) sulfide, bis(4-acryloxyethoxy-3-methylphenyl) sulfide or bis(4-acryloxydiethoxy-3-methylphenyl) sulfide.

22. (previously presented): The method for producing an optical material according to Claim 16, wherein the mono(meth)acrylate represented by the formula (2) is o-phenylphenyl (meth)acrylate.

23. (previously presented): The method for producing an optical material according to Claim 16, wherein the composition further comprises (C) a photoinitiator.

24. (previously presented): The method for producing an optical material according to Claim 16, wherein the active energy beam-curable composition comprises 30 to 90 wt % of the component (A) and 70 to 10 wt % of the component (B).

25. (new): The optical material according to Claim 5, wherein the composition comprises a di(meth)acrylate represented by formula (1) and a mono(meth)acrylate represented by formula (3).

26. (new): The optical material according to Claim 25, wherein the mono(meth)acrylate represented by formula (3) is p-cumylphenol (meth)acrylate.